

*Spoke
Helen
good*

Welcome to STN International! Enter x:x

LOGINID:sssptal611sxp

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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and searchable
NEWS 21 JAN 27 A new search aid, the Company Name Thesaurus, available in
CA/CAPlus
NEWS 22 FEB 05 German (DE) application and patent publication number format
changes

NEWS EXPRESS DECEMBER 28 CURRENT WINDOWS VERSION IS V7.00, CURRENT
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=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 16:17:53 ON 01 MAR 2004

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DICTIONARY FILE UPDATES: 29 FEB 2004 HIGHEST RN 656221-41-9

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

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<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

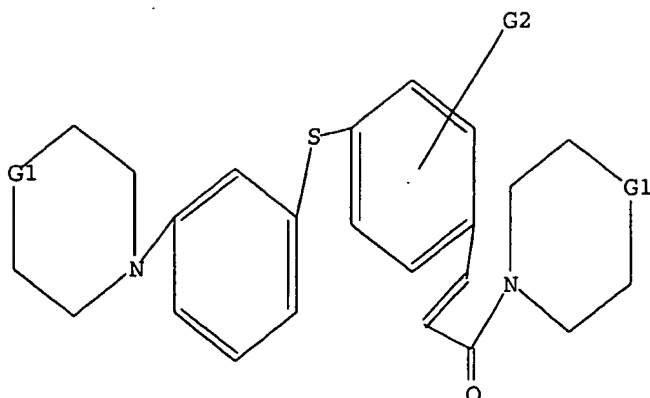
Uploading c:\program files\stnexp\queries\09541795.11

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 C,O,S,N,NH,CH2,CH

G2 CF3,X

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full

FULL SEARCH INITIATED 16:18:22 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 37 TO ITERATE

100.0% PROCESSED 37 ITERATIONS

28 ANSWERS

SEARCH TIME: 00.00.01

L2 28 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

155.42

155.63

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FILE COVERS 1907 - 1 Mar 2004 VOL 140 ISS 10

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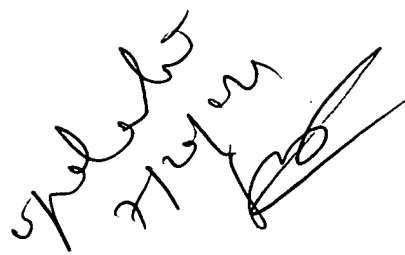
=> s 12

L3 2 L2

=> d 13 fbib hitstr abs total

L3 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2000:725609 CAPLUS
 DN 133:296281
 TI Preparation of 2- or 4-(phenylthio)cinnamides as cell adhesion-inhibiting
 antiinflammatory and immune-suppressive compounds
 IN Link, James; Liu, Gang; Pei, Zhonghua; Von Geldern, Thomas W.; Winn,
 Martin; Xin, Zhili; Wang, Sheldon; Boyd, Steven A.; Zhu, Gui-Dong;
 Freeman, Jennifer C.; Gunawardana, Indrani W.; Staeger, Michael A.; Jae,
 Hwan-soo; Lynch, John K.
 PA Abbott Laboratories, USA
 SO PCT Int. Appl., 476 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2000059880	A1	20001012	WO 2000-US8895	20000403
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG US 1999-286645 A 19990402 US 1999-474517 A 19991229 US 2000-541795 A 20000331 EP 1165505 A1 20020102 EP 2000-921654 20000403 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO US 1999-286645 A 19990402 US 1999-474517 A 19991229 WO 2000-US8895 W 20000403 BR 200009426 A 20020409 BR 2000-9426 20000403 US 1999-286645 A 19990402 US 1999-474517 A 19991229 US 2000-541795 A 20000331 WO 2000-US8895 W 20000403 EE 200100513 A 20021216 EE 2001-513 20000403 US 1999-286645 A 19990402 US 1999-474517 A 19991229 US 2000-541795 A 20000331 WO 2000-US8895 W 20000403 NO 2001004767 A 20011130 NO 2001-4767 20011001 US 1999-286645 A 19990402 US 1999-474517 A 19991229 WO 2000-US8895 W 20000403 BG 106029 A 20020531 BG 2001-106029 20011018				



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=> file reg

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION

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0.21

0.21

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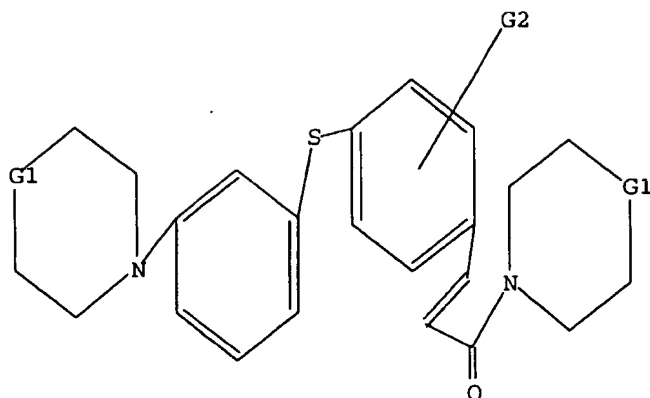
Uploading c:\program files\stnexp\queries\09541795.11 . .

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L1 HAS NO ANSWERS

L1 STR



G1 C,O,S,N,NH,CH2,CH

G2 CF3,X

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FULL SCREEN SEARCH COMPLETED - 37 TO ITERATE

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28 ANSWERS

SEARCH TIME: 00.00.01

L2 28 SEA SSS FUL L1

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SINCE FILE

TOTAL

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155.42

155.63

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=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

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<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading c:\program files\stnexp\queries\09541795.13

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full

FULL SEARCH INITIATED 16:42:43 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 441 TO ITERATE

100.0% PROCESSED 441 ITERATIONS

106 ANSWERS

SEARCH TIME: 00.00.01

L2 106 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	155.42	155.63

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=> s l2

L3 4 L2

=> d l3 fbib hitstr abs total

L3 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:235035 CAPLUS
DN 139:285618
TI QSAR Study on Some p-Arylthio Cinnamides as Antagonists of Biochemical ICAM-1/LFA-1 Interaction and ICAM-1/JY-8 Cell Adhesion in Relation to Anti-inflammatory Activity
AU Debnath, Bikash; Samanta, Soma; Roy, Kunal; Jha, Tarun
CS Department of Pharmaceutical Technology, Division of Pharmaceutical and Medicinal Chemistry, Jadavpur University, Kolkata, 700 032, India
SO Bioorganic & Medicinal Chemistry (2003), 11(8), 1615-1619
CODEN: BMECEP; ISSN: 0968-0896
PB Elsevier Science Ltd.
DT Journal
LA English
IT 609841-80-7 609841-90-9 609841-91-0
609841-95-4 609841-96-5 609841-97-6
609842-01-5 609842-02-6 609842-03-7
RL: PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(QSAR study on arylthio cinnamides as antagonists of biochem. ICAM-1/LFA-1 interaction and ICAM-1/JY-8 cell adhesion)
RN 609841-80-7 CAPLUS
CN Morpholine, 4-[3-[3-chloro-4-[(2-methoxyphenyl)thio]phenyl]-1-oxo-2-propenyl]- (9CI) (CA INDEX NAME)



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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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FILE 'HOME' ENTERED AT 16:41:54 ON 01 MAR 2004

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

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L2 106 SEA SSS FUL L1

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	155.42	155.63

FILE 'CAPLUS' ENTERED AT 16:42:50 ON 01 MAR 2004
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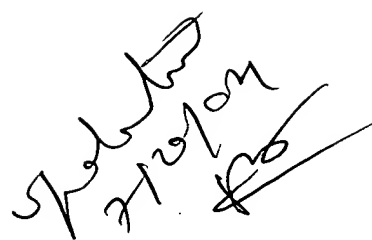
This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 12

L3 4 L2

=> d 13 fbib hitstr abs total

L3 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2003:235035 CAPLUS
DN 139:285618
TI QSAR Study on Some p-Arylthio Cinnamides as Antagonists of Biochemical ICAM-1/LFA-1 Interaction and ICAM-1/JY-8 Cell Adhesion in Relation to Anti-inflammatory Activity
AU Debnath, Bikash; Samanta, Soma; Roy, Kunal; Jha, Tarun
CS Department of Pharmaceutical Technology, Division of Pharmaceutical and Medicinal Chemistry, Jadavpur University, Kolkata, 700 032, India
SO Bioorganic & Medicinal Chemistry (2003), 11(8), 1615-1619
CODEN: BMECEP; ISSN: 0968-0896
PB Elsevier Science Ltd.
DT Journal
LA English
IT 609841-80-7 609841-90-9 609841-91-0
609841-95-4 609841-96-5 609841-97-6
609842-01-5 609842-02-6 609842-03-7
RL: PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(QSAR study on arylthio cinnamides as antagonists of biochem. ICAM-1/LFA-1 interaction and ICAM-1/JY-8 cell adhesion)
RN 609841-80-7 CAPLUS
CN Morpholine, 4-[3-[3-chloro-4-[(2-methoxyphenyl)thio]phenyl]-1-oxo-2-propenyl]- (9CI) (CA INDEX NAME)



Welcome to STN International! Enter x:x

LOGINID:sssptal611sxp

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TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 22 FEB 05 German (DE) application and patent publication number format changes

NEWS EXPRESS DECEMBER 28 CURRENT WINDOWS VERSION IS V7.00, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
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NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 16:49:54 ON 01 MAR 2004

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 16:50:03 ON 01 MAR 2004

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STRUCTURE FILE UPDATES: 29 FEB 2004 HIGHEST RN 656221-41-9

DICTIONARY FILE UPDATES: 29 FEB 2004 HIGHEST RN 656221-41-9

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

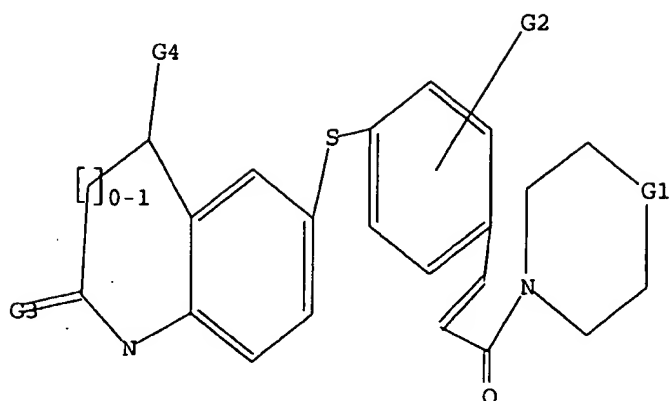
Uploading c:\program files\stnexp\queries\09541795.16

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 C,O,S,N,NH,CH2,CH

G2 CF3,X

G3 H,O

G4 C,O,S,N,CH2,CH

Structure attributes must be viewed using STN Express query preparation.

=> s ll sss full

FULL SEARCH INITIATED 16:50:30 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 48 TO ITERATE

100.0% PROCESSED 48 ITERATIONS

SEARCH TIME: 00.00.01

0 ANSWERS

L2 0 SEA SSS FUL L1

=> file marpat

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

155.42

155.63

FILE 'MARPAT' ENTERED AT 16:50:39 ON 01 MAR 2004

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FILE CONTENT: 1988-PRESENT (VOL 140 ISS 09) (20040227/ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6683216 27 JAN 2004

DE 10317487 05 FEB 2004

EP 1388584 11 FEB 2004

JP 2004035475 05 FEB 2004

WO 2004009876 29 JAN 2004

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=> s ll sss full

FULL SEARCH INITIATED 16:50:47 FILE 'MARPAT'
FULL SCREEN SEARCH COMPLETED - 4167 TO ITERATE

100.0% PROCESSED 4167 ITERATIONS
SEARCH TIME: 00.00.18

0 ANSWERS

L3 0 SEA SSS FUL L1

=> file caold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

109.42

265.05

FILE 'CAOLD' ENTERED AT 16:51:12 ON 01 MAR 2004
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FILE COVERS 1907-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> s ll sss full

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 16:51:22 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 48 TO ITERATE

100.0% PROCESSED 48 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

L4 0 SEA SSS FUL L1

L5 0 L4

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

Patel

<3/1/2004>

*Stn
7/12/04
for*

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS EXPRESS DECEMBER 28 CURRENT WINDOWS VERSION IS V7.00, CURRENT
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NEWS WWW CAS World Wide Web Site (general information)

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FILE 'HOME' ENTERED AT 16:54:38 ON 01 MAR 2004

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 16:54:47 ON 01 MAR 2004

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DICTIONARY FILE UPDATES: 29 FEB 2004 HIGHEST RN 656221-41-9

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

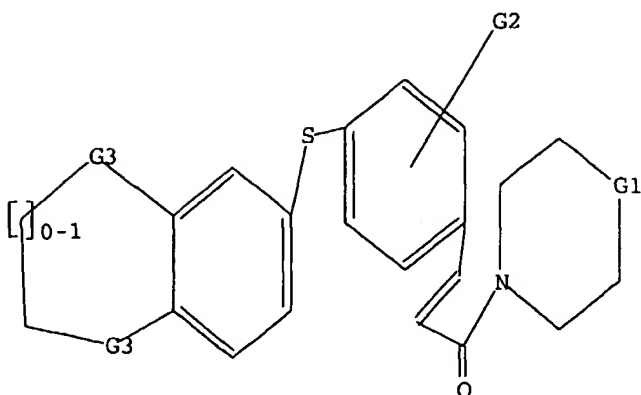
Uploading c:\program files\stnexp\queries\09541795.17

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 C,O,S,N,NH,CH₂,CH

G2 CF₃,X

G3 C,O,S,N

Structure attributes must be viewed using STN Express query preparation.

=> s 11 sss full

FULL SEARCH INITIATED 16:55:18 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 610 TO ITERATE

100.0% PROCESSED 610 ITERATIONS

67 ANSWERS

SEARCH TIME: 00.00.01

L2 67 SEA SSS FUL L1

=> file marpat

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

155.42

155.63

FILE 'MARPAT' ENTERED AT 16:55:26 ON 01 MAR 2004

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MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6683216 27 JAN 2004

DE 10317487 05 FEB 2004

EP 1388584 11 FEB 2004

JP 2004035475 05 FEB 2004

WO 2004009876 29 JAN 2004

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

STN
7/10/04
[Signature]

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 21 JAN 27 A new search aid, the Company Name Thesaurus, available in
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NEWS 22 FEB 05 German (DE) application and patent publication number format
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NEWS EXPRESS DECEMBER 28 CURRENT WINDOWS VERSION IS V7.00, CURRENT
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NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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FILE 'HOME' ENTERED AT 17:02:08 ON 01 MAR 2004

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 17:02:40 ON 01 MAR 2004

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STRUCTURE FILE UPDATES: 29 FEB 2004 HIGHEST RN 656221-41-9

DICTIONARY FILE UPDATES: 29 FEB 2004 HIGHEST RN 656221-41-9

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

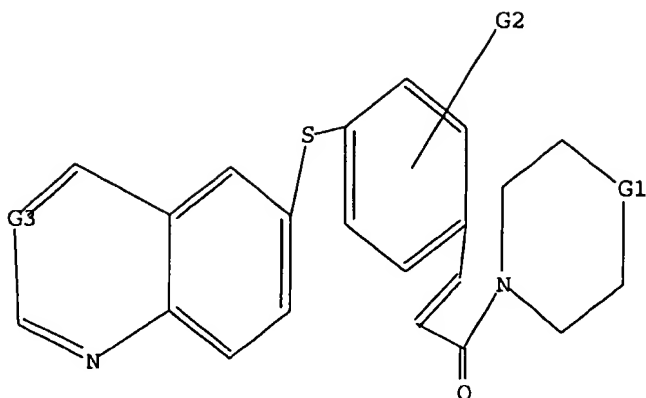
Uploading c:\program files\stnexp\queries\09541795.18

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 C,O,S,N,NH,CH₂,CH

G2 CF₃,X

G3 C,O,S,N,CH

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full

FULL SEARCH INITIATED 17:03:06 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 63 TO ITERATE

100.0% PROCESSED 63 ITERATIONS

SEARCH TIME: 00.00.01

0 ANSWERS

L2 0 SEA SSS FUL L1

=> file marpat

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

155.42

155.63

FILE 'MARPAT' ENTERED AT 17:03:12 ON 01 MAR 2004

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FILE CONTENT: 1988-PRESENT (VOL 140 ISS 09) (20040227/ED)

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(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6683216 27 JAN 2004

DE 10317487 05 FEB 2004

EP 1388584 11 FEB 2004

JP 2004035475 05 FEB 2004

WO 2004009876 29 JAN 2004

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=> s l1 sss full

FULL SEARCH INITIATED 17:03:18 FILE 'MARPAT'
FULL SCREEN SEARCH COMPLETED - 4267 TO ITERATE

100.0% PROCESSED 4267 ITERATIONS
SEARCH TIME: 00.00.11

0 ANSWERS

L3 0 SEA SSS FUL L1

=> file caold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

109.42

265.05

FILE 'CAOLD' ENTERED AT 17:03:35 ON 01 MAR 2004
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FILE COVERS 1907-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> s l1 sss full

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 17:03:41 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 63 TO ITERATE

100.0% PROCESSED 63 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

L4 0 SEA SSS FUL L1

L5 0 L4

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.42

421.31

stet
fmls
noon
INT

Welcome to STN International! Enter x:x

LOGINID:sssptal611sxp

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 22 FEB 05 German (DE) application and patent publication number format
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NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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FILE 'HOME' ENTERED AT 17:06:11 ON 01 MAR 2004

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 17:06:23 ON 01 MAR 2004

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STRUCTURE FILE UPDATES: 29 FEB 2004 HIGHEST RN 656221-41-9

DICTIONARY FILE UPDATES: 29 FEB 2004 HIGHEST RN 656221-41-9

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:

<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

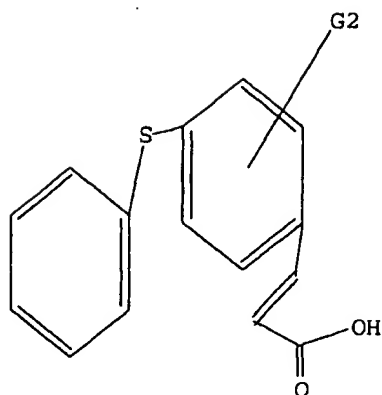
Uploading c:\program files\stnexp\queries\09541795.19

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 C,O,S,N,NH,CH2,CH

G2 CF3,X

G3 C,O,S,N,CH

Structure attributes must be viewed using STN Express query preparation.

=> s 11 sss full

FULL SEARCH INITIATED 17:06:47 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 173 TO ITERATE

100.0% PROCESSED 173 ITERATIONS

18 ANSWERS

SEARCH TIME: 00.00.01

L2 18 SEA SSS FUL L1

=> file marpat

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

155.42

155.63

FILE 'MARPAT' ENTERED AT 17:06:53 ON 01 MAR 2004

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FILE CONTENT: 1988-PRESENT (VOL 140 ISS 09) (20040227/ED)

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US 6683216 27 JAN 2004

DE 10317487 05 FEB 2004

EP 1388584 11 FEB 2004

JP 2004035475 05 FEB 2004

WO 2004009876 29 JAN 2004

Structure search limits have been raised. See HELP SLIMIT for the new,
higher limits.

=>

=> s l1 sss full

FULL SEARCH INITIATED 17:07:04 FILE 'MARPAT'

FULL SCREEN SEARCH COMPLETED - 2146 TO ITERATE

99.6% PROCESSED 2137 ITERATIONS

17 ANSWERS

100.0% PROCESSED 2146 ITERATIONS

17 ANSWERS

SEARCH TIME: 00.00.18

L3 17 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

109.42

265.05

FILE 'CAPLUS' ENTERED AT 17:07:28 ON 01 MAR 2004

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FILE COVERS 1907 - 1 Mar 2004 VOL 140 ISS 10

FILE LAST UPDATED: 29 Feb 2004 (20040229/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 17:06:11 ON 01 MAR 2004)

FILE 'REGISTRY' ENTERED AT 17:06:23 ON 01 MAR 2004

L1 STRUCTURE UPLOADED

L2 18 S L1 SSS FULL

FILE 'MARPAT' ENTERED AT 17:06:53 ON 01 MAR 2004

L3 17 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 17:07:28 ON 01 MAR 2004

=> s l2

L4 5 L2

=> s l3

*Spoke for
7/2/04
[Signature]*

Welcome to STN International! Enter x:x

LOGINID:sssptal611sxp

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
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NEWS 3 SEP 09 CA/Caplus records now contain indexing from 1907 to the
present
NEWS 4 DEC 08 INPADOC: Legal Status data reloaded
NEWS 5 SEP 29 DISSABS now available on STN
NEWS 6 OCT 10 PCTFULL: Two new display fields added
NEWS 7 OCT 21 BIOSIS file reloaded and enhanced
NEWS 8 OCT 28 BIOSIS file segment of TOXCENTER reloaded and enhanced
NEWS 9 NOV 24 MSDS-CCOHS file reloaded
NEWS 10 DEC 08 CABA reloaded with left truncation
NEWS 11 DEC 08 IMS file names changed
NEWS 12 DEC 09 Experimental property data collected by CAS now available
in REGISTRY
NEWS 13 DEC 09 STN Entry Date available for display in REGISTRY and CA/Caplus
NEWS 14 DEC 17 DGENE: Two new display fields added
NEWS 15 DEC 18 BIOTECHNO no longer updated
NEWS 16 DEC 19 CROPU no longer updated; subscriber discount no longer
available
NEWS 17 DEC 22 Additional INPI reactions and pre-1907 documents added to CAS
databases
NEWS 18 DEC 22 IFIPAT/IFIUDB/IFICDB reloaded with new data and search fields
NEWS 19 DEC 22 ABI-INFORM now available on STN
NEWS 20 JAN 27 Source of Registration (SR) information in REGISTRY updated
and searchable
NEWS 21 JAN 27 A new search aid, the Company Name Thesaurus, available in
CA/Caplus
NEWS 22 FEB 05 German (DE) application and patent publication number format
changes

NEWS EXPRESS DECEMBER 28 CURRENT WINDOWS VERSION IS V7.00, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003
NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 17:14:25 ON 01 MAR 2004

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 17:14:34 ON 01 MAR 2004

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STRUCTURE FILE UPDATES: 29 FEB 2004 HIGHEST RN 656221-41-9

DICTIONARY FILE UPDATES: 29 FEB 2004 HIGHEST RN 656221-41-9

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

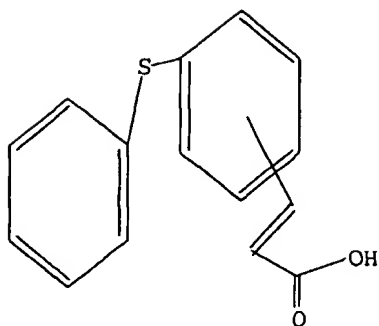
Uploading c:\program files\stnexp\queries\09541795.20

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 C,O,S,N,NH,CH₂,CH

G2 CF₃,X

G3 C,O,S,N,CH

Structure attributes must be viewed using STN Express query preparation.

=> s ll sss full

FULL SEARCH INITIATED 17:14:59 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 687 TO ITERATE

100.0% PROCESSED 687 ITERATIONS

86 ANSWERS

SEARCH TIME: 00.00.01

L2 86 SEA SSS FUL L1

=> file marpat

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

155.42

155.63

FILE 'MARPAT' ENTERED AT 17:15:06 ON 01 MAR 2004

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FILE CONTENT: 1988-PRESENT (VOL 140 ISS 09) (20040227/ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6683216 27 JAN 2004

DE 10317487 05 FEB 2004

EP 1388584 11 FEB 2004

JP 2004035475 05 FEB 2004

WO 2004009876 29 JAN 2004

Structure search limits have been raised. See HELP SLIMIT for the new, higher limits.

=> s ll sss full

FULL SEARCH INITIATED 17:15:12 FILE 'MARPAT'

FULL SCREEN SEARCH COMPLETED - 3971 TO ITERATE

98.3% PROCESSED 3902 ITERATIONS 43 ANSWERS
99.4% PROCESSED 3946 ITERATIONS (1 INCOMPLETE) 45 ANSWERS
100.0% PROCESSED 3971 ITERATIONS (1 INCOMPLETE) 45 ANSWERS
SEARCH TIME: 00.00.43

L3 45 SEA SSS FUL L1

=> file caold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

109.84

265.47

FILE 'CAOLD' ENTERED AT 17:16:02 ON 01 MAR 2004

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FILE COVERS 1907-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> s lll sss full

L4 0 LL1

=> s ll sss full

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 17:16:27 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 687 TO ITERATE

100.0% PROCESSED 687 ITERATIONS
SEARCH TIME: 00.00.01

86 ANSWERS

L5 86 SEA SSS FUL L1

L6 1 L5

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.42

423.46

FILE 'CAPLUS' ENTERED AT 17:16:39 ON 01 MAR 2004

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FILE COVERS 1907 - 1 Mar 2004 VOL 140 ISS 10

FILE LAST UPDATED: 29 Feb 2004 (20040229/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 17:14:25 ON 01 MAR 2004)

FILE 'REGISTRY' ENTERED AT 17:14:34 ON 01 MAR 2004

L1 STRUCTURE UPLOADED

L2 86 S L1 SSS FULL

FILE 'MARPAT' ENTERED AT 17:15:06 ON 01 MAR 2004

L3 45 S L1 SSS FULL

FILE 'CAOLD' ENTERED AT 17:16:02 ON 01 MAR 2004

L4 0 S LL1 SSS FULL

S L1

FILE 'REGISTRY' ENTERED AT 17:16:27 ON 01 MAR 2004

L5 86 S L1 SSS FULL

FILE 'CAOLD' ENTERED AT 17:16:27 ON 01 MAR 2004

L6 1 S L5 SSS FULL

FILE 'CAPLUS' ENTERED AT 17:16:39 ON 01 MAR 2004

=> s 12

L7 22 L2

=> s 13

L8 45 L3

=> s 1 6

09541795

5/2/04
H. Patel

Welcome to STN International! Enter x:x

LOGINID:sssptal611sxp

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS EXPRESS DECEMBER 28 CURRENT WINDOWS VERSION IS V7.00, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 23 SEPTEMBER 2003

NEWS HOURS STN Operating Hours Plus Help Desk Availability
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FILE 'HOME' ENTERED AT 16:15:14 ON 01 MAR 2004

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 16:15:25 ON 01 MAR 2004
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STRUCTURE FILE UPDATES: 29 FEB 2004 HIGHEST RN 656221-41-9
DICTIONARY FILE UPDATES: 29 FEB 2004 HIGHEST RN 656221-41-9

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

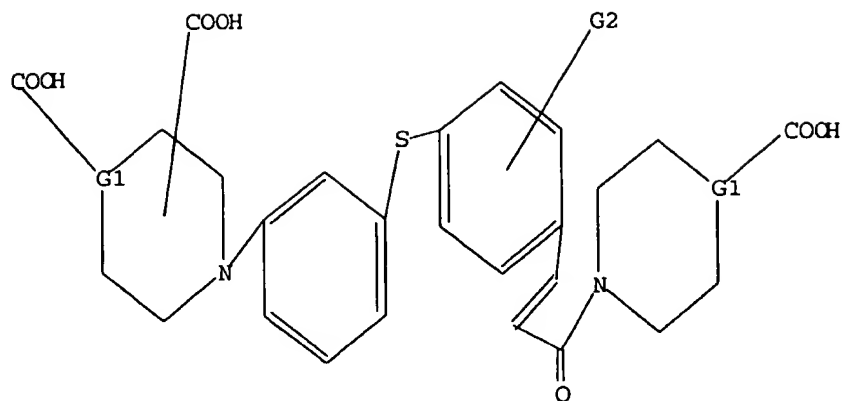
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>
Uploading c:\program files\stnexp\queries\09541795.10

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



G1 C,O,S,N,NH,CH₂,CH

G2 CF₃,X

Structure attributes must be viewed using STN Express query preparation.

=> s ll sss full

FULL SEARCH INITIATED 16:15:58 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L2 0 SEA SSS FUL L1

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

155.84

156.05

STN INTERNATIONAL LOGOFF AT 16:16:35 ON 01 MAR 2004

L Number	Hits	Search Text	DB	Time stamp
1	3778	("514/183,295,395,415,712").CCLS	USPAT	2003/08/25 11:38
2	1722	("544/106,253,283,282").CCLS	USPAT	2003/08/25 11:38
3	364	("546/183").CCLS	USPAT	2003/08/25 11:38
4	267	("548/306.4").CCLS	USPAT	2003/08/25 11:39
5	680	("549/362,469").CCLS	USPAT	2003/08/25 11:39
6	460	("568/38,58").CCLS	USPAT	2003/08/25 11:39
7	0	("514/183,295,395,415,712").CCLS) and ("544/106,253,283,282").CCLS) and ("546/183").CCLS) and ("548/306.4").CCLS) and ("549/362,469").CCLS) and ("568/38,58").CCLS)	USPAT	2003/08/25 11:40

*update
7/27/03
for*

Handwritten:
x/13/03
x/13/03
x/13/03

Handwritten:
I

Welcome to STN International! Enter x:x

LOGINID:sssptal611sxp

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 30 AUG 13 Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 31 AUG 15 PATDPAFULL: one FREE connect hour, per account, in September 2003
NEWS 32 AUG 15 PCTGEN: one FREE connect hour, per account, in September 2003
NEWS 33 AUG 15 RDISCLOSURE: one FREE connect hour, per account, in September 2003
NEWS 34 AUG 15 TEMA: one FREE connect hour, per account, in September 2003
NEWS 35 AUG 18 Data available for download as a PDF in RDISCLOSURE

NEWS 36 AUG 18 Simultaneous left and right truncation added to PASCAL
NEWS 37 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right
Truncation
NEWS 38 AUG 18 Simultaneous left and right truncation added to ANABSTR

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003

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NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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FILE 'HOME' ENTERED AT 07:33:41 ON 25 AUG 2003

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 07:33:51 ON 25 AUG 2003

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STRUCTURE FILE UPDATES: 22 AUG 2003 HIGHEST RN 571902-82-4
DICTIONARY FILE UPDATES: 22 AUG 2003 HIGHEST RN 571902-82-4

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

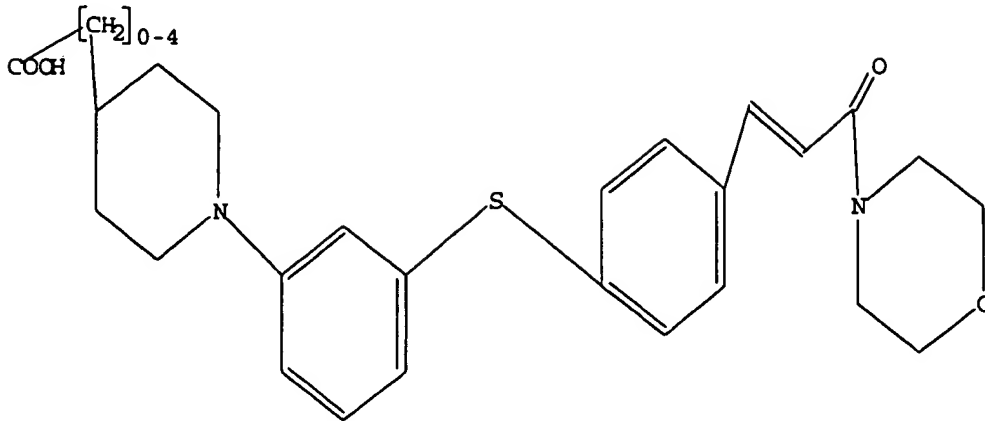
Uploading 09541795.5

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 07:34:15 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1 TO ITERATE

100.0% PROCESSED 1 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 1 TO 80

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1sss full

L3 0 L1SSS

=> s l1 sss full

FULL SEARCH INITIATED 07:34:33 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 7 TO ITERATE

100.0% PROCESSED 7 ITERATIONS

2 ANSWERS

SEARCH TIME: 00.00.01

L4 2 SEA SSS FUL L1

=> file caold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

FULL ESTIMATED COST

ENTRY

SESSION

152.37

152.58

FILE 'CAOLD' ENTERED AT 07:34:42 ON 25 AUG 2003

Patel

8/25/2003>

Handwritten: 5/29/03
Handwritten: [Signature]
Handwritten: 11

Welcome to STN International! Enter x:x

LOGINID:ssspta1611sxp

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 19	May 19	Simultaneous left and right truncation added to WSCA
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MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003

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NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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FILE 'HOME' ENTERED AT 07:44:10 ON 25 AUG 2003

=> reg

REG IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=>

Uploading

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

Do you want to switch to the Registry File?

Choice (Y/n):

Switching to the Registry File...

Some commands only work in certain files. For example, the EXPAND
command can only be used to look at the index in a file which has an
index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of
commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 07:44:22 ON 25 AUG 2003

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STRUCTURE FILE UPDATES: 22 AUG 2003 HIGHEST RN 571902-82-4
DICTIONARY FILE UPDATES: 22 AUG 2003 HIGHEST RN 571902-82-4

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when
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Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

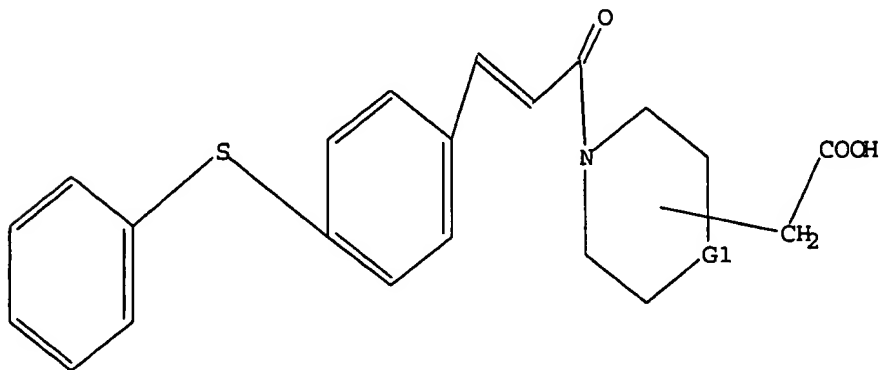
Uploading 09541795.6

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 N,CH,NH

Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 07:44:39 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 33 TO ITERATE

100.0% PROCESSED 33 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 316 TO 1004

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

up to 7/20/03

III

Welcome to STN International! Enter x:x

LOGINID:sssptal611sxp

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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September 2003
NEWS 33 AUG 15 RDISCLOSURE: one FREE connect hour, per account, in
September 2003
NEWS 34 AUG 15 TEMA: one FREE connect hour, per account, in
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FILE 'HOME' ENTERED AT 07:47:39 ON 25 AUG 2003

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 07:48:01 ON 25 AUG 2003

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STRUCTURE FILE UPDATES: 22 AUG 2003 HIGHEST RN 571902-82-4
DICTIONARY FILE UPDATES: 22 AUG 2003 HIGHEST RN 571902-82-4

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

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conducting SmartSELECT searches.

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PROPERTIES for more information. See STNote 27, Searching Properties
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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>
Uploading 09541795.7

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full

FULL SEARCH INITIATED 07:48:28 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 70 TO ITERATE

100.0% PROCESSED 70 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L2 0 SEA SSS FUL L1

=> file caold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.15

148.36

FILE 'CAOLD' ENTERED AT 07:48:34 ON 25 AUG 2003

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FILE COVERS 1907-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> s l1 sss full

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 07:48:39 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 70 TO ITERATE

100.0% PROCESSED 70 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

L4 0 L3

=> file marpat

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.40

297.31

FILE 'MARPAT' ENTERED AT 07:48:45 ON 25 AUG 2003

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FILE CONTENT: 1988-PRESENT (VOL 104 ISS 15-VOL 139 ISS08) (20030822ED)

MOST RECENT CITATIONS FOR PATENTS FROM FIVE MAJOR ISSUING AGENCIES
(COVERAGE TO THESE DATES IS NOT COMPLETE):

US 6596259 22 JUL 2003

DE 20300703 31 JUL 2003

EP 1331259 30 JUL 2003

JP 2003207510 25 JUL 2003

WO 2003061387 31 JUL 2003

Structure search limits have been raised. See HELP SLIMIT for the new,
higher limits.

=> s l1 sss full

FULL SEARCH INITIATED 07:48:51 FILE 'MARPAT'

FULL SCREEN SEARCH COMPLETED - 1005 TO ITERATE

100.0% PROCESSED 1005 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.03

L5 0 SEA SSS FUL L1

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

104.55

401.86

STN INTERNATIONAL LOGOFF AT 07:49:00 ON 25 AUG 2003

STN
7/29/03
[Signature]
IV

Welcome to STN International! Enter x:x

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
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FILE 'HOME' ENTERED AT 07:55:28 ON 25 AUG 2003

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

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DICTIONARY FILE UPDATES: 22 AUG 2003 HIGHEST RN 571902-82-4

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

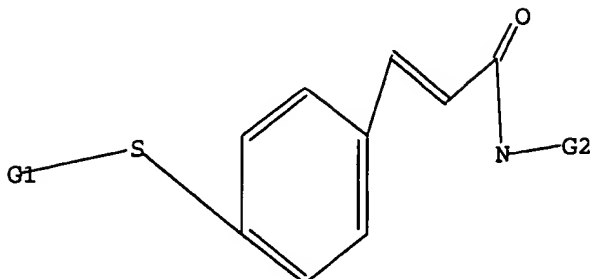
Uploading 09541795.8

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 Cb,Cy,Hy

G2 H,Cb,Cy,Hy,Ak,CH,COOH

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full

FULL SEARCH INITIATED 07:56:19 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 7248 TO ITERATE

100.0% PROCESSED 7248 ITERATIONS

282 ANSWERS

SEARCH TIME: 00.00.01

L2 282 SEA SSS FUL L1

=> file caold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.55

148.76

FILE 'CAOLD' ENTERED AT 07:56:36 ON 25 AUG 2003

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FILE COVERS 1907-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

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=> s l1 sss full

Handwritten: 2/26/03
JSP

Handwritten: V
inter

Welcome to STN International! Enter x:x

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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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FILE 'HOME' ENTERED AT 08:19:55 ON 25 AUG 2003

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 08:20:05 ON 25 AUG 2003

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DICTIONARY FILE UPDATES: 22 AUG 2003 HIGHEST RN 571902-82-4

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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

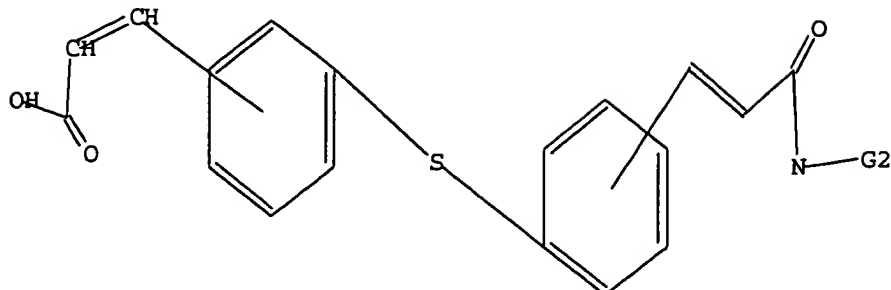
Uploading 09541795.9

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 Cb,Cy,Hy

G2 H,Cb,Cy,Hy,Ak,OH,COOH

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full

FULL SEARCH INITIATED 08:20:32 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 27 TO ITERATE

100.0% PROCESSED 27 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L2 0 SEA SSS FUL L1

=> file caold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.15

148.36

FILE 'CAOLD' ENTERED AT 08:20:38 ON 25 AUG 2003

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Welcome to STN International! Enter x:x

LOGINID:ssspal611sxp

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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FILE 'HOME' ENTERED AT 08:46:10 ON 25 AUG 2003

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 08:46:24 ON 25 AUG 2003

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DICTIONARY FILE UPDATES: 22 AUG 2003 HIGHEST RN 571902-82-4

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<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

Uploading 09541795.15

L1 STRUCTURE UPLOADED

=> l1

L1 IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

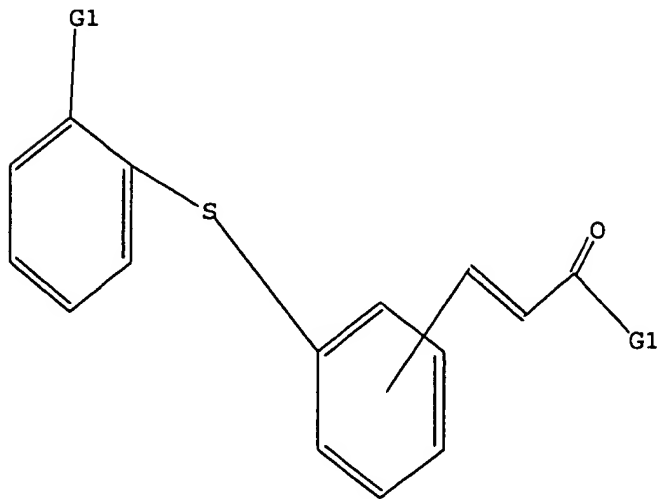
For a list of commands available to you in the current file, enter

"HELP COMMANDS" at an arrow prompt (=>).

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 OH, MeO, EtO, n-PrO, i-PrO, n-BuO, i-BuO, s-BuO, t-BuO, PhO

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full

FULL SEARCH INITIATED 08:46:58 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 454 TO ITERATE

100.0% PROCESSED 454 ITERATIONS

14 ANSWERS

SEARCH TIME: 00.00.01

L2 14 SEA SSS FUL L1

=> file caold

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

148.15

148.36

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